KBR:iar 05/01/2002 3382-61340 105947

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Docket: 3382-61340	App: 10/017,694
	Applicant: Chen et al.	
	Filed: December 14, 2001	Art Unit: 2631

U.S. PATENT DOCUMENTS

Init.*		Number	Date	Name	Class	Sub	Filed
✓ DS		5,686,964	11.11.97	Tabatabai et al.			
✓ DS		5,845,243	12.01.98	Smart et al.			
✓ DS		5,995,151	11.30.99	Naveen et al.			
✓		6,115,689	09.05.00	Malvar			

OTHER DOCUMENTS

✓ DS			Gibson et al., Digital Compression for Multimedia, Title Page, Contents, "Chapter 7: Frequency Domain Coding," Morgan Kaufman Publishers, Inc., pp. iii, v-xi, and 227-262 (1998).
✓ DS			H.S. Malvar, Signal Processing with Lapped Transforms, Artech House, Norwood, MA, pp. iv, vii-xi, 175-218, and 353-57 (1992).
✓ DS			H.S. Malvar, "Lapped Transforms for Efficient Transform/Subband Coding," *IEEE Transactions on Acoustics, Speech and Signal Processing*, Volume 38, No. 6, pp. 969-78 (1990).
✓ DS			Seymour Schlien, "The Modulated Lapped Transform, Its Time-Varying Forms, and Its Application to Audio Coding Standards," *IEEE Transactions on Speech and Audio Processing*, Vol. 5, No. 4, pp. 359-66 (July 1997).
✓ DS			de Queiroz et al., "Time-Varying Lapped Transforms and Wavelet Packets," *IEEE Transactions on Signal Processing*, Vol. 41, pp. 3293-3305 (1993).
✓ DS			Herley et al., "Tilings of the Time-Frequency Plane: Construction of Arbitrary Orthogonal Bases and Fast Tiling Algorithms," *IEEE Transactions on Signal Processing*, Vol. 41, No. 12, pp. 3341-59 (1993).

EXAMINER: Donald Sparks DATE 1/21/05

*Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Send copy.

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OTHER DOCUMENTS

✓	DLS		ISO/IEC 11172-3, Information Technology -- Coding of Moving Pictures and Associated Audio for Digital Storage Media at Up to About 1.5 Mbit/s -- Part 3: Audio, 154 pp. (1993).
✓	DLS		Dolby Laboratories, "AAC Technology," 4 pp. [Downloaded from the web site aac-audio.com on World Wide Web on November 21, 2001.]
✓	DLS		Srinivasan et al., "High-Quality Audio Compression Using an Adaptive Wavelet Packet Decomposition and Psychoacoustic Modeling," *IEEE Transactions on Signal Processing*, Vol. 46, No. 4, pp. 1085-93 (April 1998).
✓	DLS		Caetano et al., "Rate Control Strategy for Embedded Wavelet Video Coders," *Electronics Letters*, pp. 1815-17 (October 14, 1999).
✓	DLS		Ribas Corbera et al., "Rate Control in DCT Video Coding for Low-Delay Communications," *IEEE Transactions on Circuits and Systems for Video Technology*, Vol. 9, No. 1, pp. 172-85 (February 1999).
✓	DLS		Zwicker et al., Das Ohr als Nachrichtenempfänger, Title Page, Table of Contents, "I: Schallschwingungen," Index, Hirzel-Verlag, Stuttgart, pp. III, IX-XI, 1-26, and 231-32 (1967).
✓	DLS		Terhardt, "Calculating Virtual Pitch," *Hearing Research*, 1:155-182 (1979).
✓	DLS		Lufti, "Additivity of Simultaneous Masking," *Journal of Acoustic Society of America*, 73:262-267 (1983).
✓	DLS		Jesteadt et al., "Forward Masking as a Function of Frequency, Masker Level, and Signal Delay," *Journal of Acoustical Society of America*, 71:950-962 (1982).

EXAMINER: Donald L. Stan DATE: 1/21/05

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	Filed: December 14, 2001	Art Unit: 2631

OTHER DOCUMENTS

✓	DS		ITU, Recommendation ITU-R BS 1387, Method for Objective Measurements of Perceived Audio Quality, 89 pp. (1998).
✓	DS		ITU, Recommendation ITU-R BS 1115, Low Bit-Rate Audio Coding, 9 pp. (1994).
✓	DS		Beerends, "Audio Quality Determination Based on Perceptual Measurement Techniques," Applications of Digital Signal Processing to Audio and Acoustics, Chapter 1, Ed. Mark Kahrs, Karlheinz Brandenburg, Kluwer Acad. Publ., pp. 1-38 (1998).
✓	DS		Zwicker, Psychoakustik, Title Page, Table of Contents, "Teil I: Einfuhrung," Index, Springer-Verlag, Berlin Heidelberg, New York, pp. II, IX-XI, 1-30, and 157-162 (1982).
✓	DS		Solari, Digital Video and Audio Compression, Title Page, Contents, "Chapter 8: Sound and Audio," McGraw-Hill, Inc., pp. iii, v-vi, and 187-211 (1997).
✓	DS		A.M. Kondoz, Digital Speech: Coding for Low Bit Rate Communications Systems, "Chapter 3.3: Linear Predictive Modeling of Speech Signals" and "Chapter 4: LPC Parameter Quantisation Using LSFs," John Wiley & Sons, pp. 42-53 and 79-97 (1994).
✓	DS		Kadatch, U.S. Patent Application Serial No. 09/771,371, entitled, "Quantization Loop with Heuristic Approach," filed January 26, 2001.
✓	DS		Chen et al., U.S. Patent Application Serial No. 10/017,702, entitled, "Quantization Matrices for Digital Audio," filed December 14, 2001.
✓	DS		Chen et al., U.S. Patent Application Serial No. 10/017,861, entitled, "Techniques for Measurement of Perceptual Audio Quality," filed December 14, 2001.

EXAMINER: Donald Sparks	DATE: 1/21/05

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	Applicant: Chen et al.	
	Filed: December 14, 2001	Art Unit: 2631

OTHER DOCUMENTS

✓	DLS		Chen et al., U.S. Patent Application Serial No. 10/020,708, entitled, "Adaptive Window-Size Selection in Transform Coding," filed December 14, 2001.
✓	DLS		Chen et al., U.S. Patent Application Serial No. 10/016,918, entitled, "Quality Improvement Techniques in an Audio Encoder," filed December 14, 2001.
✓	DLS		Wragg et al., "An Optimised Software Solution for an ARM Powered™ MP3 Decoder," 9 pp. [Downloaded from the World Wide Web on October 27, 2001.]
✓	DLS		Fraunhofer-Gesellschaft, "MPEG Audio Layer-3," 4 pp. [Downloaded from the World Wide Web on October 24, 2001.]
✓	DLS		Fraunhofer-Gesellschaft, "MPEG-2 AAC," 3 pp. [Downloaded from the World Wide Web on October 24, 2001.]
✓	DLS		OPTICOM GmbH, "Objective Perceptual Measurement," 14 pp. [Downloaded from the World Wide Web on October 24, 2001.]
✓	DLS		De Luca, "AN1090 Application Note: STA013 MPEG 2.5 Layer III Source Decoder," STMicroelectronics, 17 pp. (1999).
✓	DLS		Phamdo, "Speech Compression," 13 pp. [Downloaded from the World Wide Web on November 25, 2001.]
✓	DLS		Malvar, "Biorthogonal and Nonuniform Lapped Transforms for Transform Coding with Reduced Blocking and Ringing Artifacts," appeared in *IEEE Transactions on Signal Processing, Special Issue on Multirate Systems, Filter Banks, Wavelets, and Applications*, vol. 46, 29 pp. (1998).

EXAMINER: Donald L. Storm	DATE: 11/21/05

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